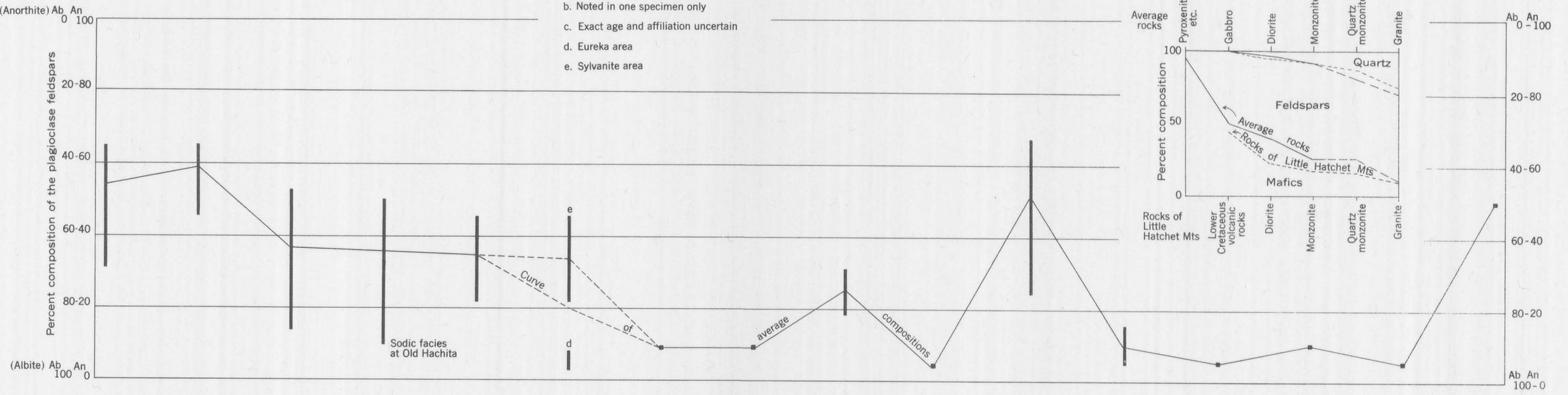


- a. Noted only in lower volcanic member of the Ringbone shale
- b. Noted in one specimen only
- c. Exact age and affiliation uncertain
- d. Eureka area
- e. Sylvanite area



GRAPHIC SUMMARY OF THE IGNEOUS ROCKS OF THE LITTLE HATCHET MOUNTAINS, N. MEX.

Shows petrographic variations and age relation of the rocks to mineralization. The upper part of the chart shows variations in mineral proportions from the oldest rock at the left to the youngest at the right, the height of the columns representing 100 percent. The lower part shows the range and variation in the composition of the plagioclase feldspars, each bar relating to the column directly above it. The inset is a generalized comparison between variations in average mineral proportions through the principal rock clans and through part of the igneous sequence of the Little Hatchet Mountains. Based on 73 thin sections and 6 chemical analyses.